

What is claimed is:

1. A microcapsule comprising oil-based core material which is immiscible with water; and shell material which comprises gum arabic and an enteric anionic cellulose derivative.

2. The microcapsule of claim 1, wherein said enteric anionic cellulose derivative is hydroxypropyl methylcellulose phthalate and/or hydroxypropyl methylcellulose acetate succinate.

3. The microcapsule of claim 1, wherein said oil-based core material is an organic compound with a boiling point of 100°C or greater.

4. The microcapsule of claim 2, wherein said oil-based core material is an organic compound with a boiling point of 100°C or greater.

5. The microcapsule of claim 1, wherein said oil-based core material is selected from the group consisting of fat-soluble vitamins, water-insoluble or sparklingly water soluble drugs, and pheromones.

6. The microcapsule of claim 2, wherein said oil-based core material is selected from the group consisting of fat-soluble vitamins, water-insoluble or sparklingly water soluble drugs, and pheromones.

7. The microcapsule of claim 3, wherein said oil-based core material is selected from the group consisting of fat-

soluble vitamins, water-insoluble or sparklingly water soluble drugs, and pheromones.

8. The microcapsule of claim 4, wherein said oil-based core material is selected from the group consisting of fat-soluble vitamins, water-insoluble or sparklingly water soluble drugs, and pheromones.

9. A method for producing a microcapsule comprising steps of suspending an oil-based water-immiscible core material in an aqueous solution of gum arabic, and then adding an aqueous alkaline solution of an enteric anionic cellulose derivative.